



COLORADO SPRINGS,  
COLORADO

### Inside this Issue

Page 2	Announcements, VE Testing
Page 3,4,5,6,7	Full Membership Roster
Page 8	February Calendar
Page 9	Meeting Minutes
Page 10	Prunella's Corner, Dits & Bits
Page 11	Commercial Ads
Page 12	Committee Chairs, Hamfest list Ham Class announcement

February 1994



Pikes Peak Radio Amateur Association, Inc.  
P. O. Box 16521  
Colorado Springs, Colorado 80935

FIRST CLASS MAIL



# Ø BEAT



## P.P.R.A.A Officers and Directors

President--	Steve Westby	W0TVH	1540 Keith Dr.	80916	570-1070
Vice-President--	Al Vrooman	W0TMM	1341 Diana Ln.	80908	473-1680
Secretary--	Ken Phillips	N0NMF	4850 Santiago Way	80917	574-6358
Treasurer--	Thomas McDaniel	N0NTX	4255 Shining Way	80916	570-1465
Board Member--	Ora Marie Rose	W0TQX	5214 Colter Lane	80916	591-6756
Board Member--	Malcolm Benton	KE9S	15365 Deby Drive	80921	488-2071
Board Member--	Liz Deutsch	N0TUK	4305 Ridgeline Dr.	80918	593-8362
Board Member--	Steve Schaarschmidt	K0CI	6156 Tuckerman Ln.	80918	571-1111
Past President--	Luci Stansberry	N0QUD	2630 E. Uintah	80918	636-1290
Ø-Beat Editor--	Ron Deutsch	W0TUP	4305 Ridgeline Dr.	80918	571-1111

**ZERO BEAT** is published monthly in the interest of the members of the Pikes Peak Radio Amateur Association, Inc., PO Box 16521, Colorado Springs, Colorado 80935. For membership and subscription information see last page of this publication. The Pikes Peak Radio Amateur Association meets monthly on the second Wednesday of each month at the Disabled American Veterans, Chapter 26, 6880 Palmer Park Blvd. at 7PM.

**EDITOR:** Ron Deutsch, NK0P, 4305 Ridgeline Drive, Colorado Springs, Colorado 80918 (719)593-8352

Deadline for submission of articles or ads is the 21st of each month. Submissions may be sent to the Editor or to the club PO box. Permission to reprint articles is granted provided credit is given to both the author and this publication.

**ADVERTISING RATES:** Full page \$48; half page \$24; quarter page \$12; business card \$6. These are monthly rates and are billed quarterly. Send your ad requests and payments to: PPRAA, PO Box 16521, Colorado Springs, Colorado 80935.

## OM/YL Lunch Bunch

The Lunch Bunch met on January 20, 1994, at which time it was decided to take up a collection for food to give to the DAV for their Care & Share program in memory of Ivan Hickman, NØMIX. A plant was taken to Bobbie along with cards signed by all those who attended. Ivan will surely be missed by all of us as a member of our group.

Our next luncheon will be held on February 17, 1994 at 12:00 noon at the Home Town Buffet at the Shops of the Bluffs so come join us for a most enjoyable lunch.

73's Rosie Calaway, WAØMNL. The "Honey-Cured Ham"

## Monument Hams Meet

A informal group of radio amateurs in the Monument/Palmer Lake are meeting for breakfast at the Monument Village Inn, 2nd Saturday of the month, 8:00 am. So come on out and meet some of the radio amateurs in the Palmer Divide area. For more information, contact Bob, KBØCY on 147.725 (-) or 488-0859.

## Ham Radio BBS

The Colorado Springs Ham Radio BBS is operating 24h/day and featuring the US Call Book on line. Sysop Rob Roller, WBØWHT, 282-0108 N-8-1 2400 Baud

## VE Testing

*Rick Brown - KDØSU*

VE Testing is sponsored by the PPRAA on the 2nd Saturday of February, April, June, August, October and December. Testing takes place at 9:00 AM at:

Denver Technical College (DTC)  
225 South Union  
Colorado Springs

While we prefer pre registration, walk-ins are accepted on a space available basis. As a reminder to anyone wishing to take an examination you should bring the follow items.

1. \$5.75 (preferably a check made out to ARRL/VEC) for all exams other than elements 1A or 2.
2. Picture identification
3. A copy of your current amateur license as well as the signed original, or a copy of any examination credit you have.
4. Pen, pencils, and a calculator if you need one.

To pre register, or if you have any questions, please call me at 531-9423. Please do not call DTC, they only provide us the place, and do not have any of the information about testing.

P.P.R.A.A. MEMBERSHIP FOR 1994

Call	First Name	Last Name	Address	City	State	Zipcode	Phone
AABLJ	JACKIE	NARD	12406 OLD PUEBLO RD.	FOUNTAIN	CO	80017	382-7311
AD0Z	ALLEN	BAILEY	2715 ALTEZA LANE	COLD. SPGS.	CO	80917	597-8514
AL70W	LINDY G.	DANIELSON	4506 HARMWOOD RD.	COLD. SPGS.	CO	80916	596-5977
K0CI	STEVE	SCHAARSCHMIDT	6155 TUCKERMAN LANE	COLD. SPGS.	CO	80918	590-3554
K0CST	GERALD	HANSZ	7015 KIPLING ST.	COLD. SPGS.	CO	80911	390-4106
K0GH	JOHN	CRAWFORD	555 HIDDEN MARSH RD.	MONUMENT	CO	80132	481-3560
K0ROL	DAK	STOCKTON	5102 GALLEY RD. #429AM	COLD. SPGS.	CO	80915	570-7702
K0SPS	JIM	KIEFFABER	811 S. SAMMATH ST.	COLD. SPGS.	CO	80903	475-0740
K0TER	MIKE	STANSBERRY	2630 E. VINTAR	COLD. SPGS.	CO	80905	636-1290
K0UNS	JIM	ZIMMERMAN	4411 EDWINSTONE	COLD. SPGS.	CO	80907	599-3119
K0MYB	CARL	WOODRUFF	2405 PASEO RD.	COLD. SPGS.	CO	80907	634-8372
K2MAH	ARTHUR	GEORGE	1049 KEITH DR.	COLD. SPGS.	CO	80916	591-2701
K4YCD	BILL	STANFILL	105 SADDLE MOUNTAIN RD.	COLD. SPGS.	CO	80919	531-7738
K8CIN	ANTHONY	FERNAN	3770 E. UINTAR ST. 0818	COLD. SPGS.	CO	80909	
KADMTX	RALPH	STREAMER	1304 N. FOOTE AVE.	COLD. SPGS.	CO	80909	634-1001
KAD0YZ	ARLENE	HICKEY	12895 TIA LANE	COLD. SPGS.	CO	80908	
KADPYE	CONNIE	STREAMER	1304 N. FOOTE AVE.	COLD. SPGS.	CO	80909	634-1001
KADWGC	GEMMELL	HAUSAUER	5252 CRACKER BARREL CR.	COLD. SPGS.	CO	80917	597-4095
KADWBY	REMY	BOYES	2410 E. UINTAR ST.	COLD. SPGS.	CO	80909	633-5650
KADWUZ	JODY	BORST	2542 E. BLOU	COLD. SPGS.	CO	80909	634-3995
KADWAG	LARRY	DCMS	P.O. BOX 0	SYRACUSE	KS	67870	304-7470
KADTSA	DALEAN	JAMES	510 E. WASHINGTON	COLD. SPGS.	CO	80907	630-1542
KADWIE	ALFRED	S0NTAG	2160 SWANNEE CT.	COLD. SPGS.	CO	80915	591-0290
KADWMT	ALLEN	TURNER	1935 OKEECHOBEE DR.	COLD. SPGS.	CO	80915	573-0200
KADFGX	GLENN	UNDERWOOD	1665 TAHLEMUH DR.	COLD. SPGS.	CO	80915	300-0274
KADTDH	GUS	FREYER	1261 FRIENDSHIP LANE E.	COLD. SPGS.	CO	80904	471-8449
KADAHY	JOHN	GREEN	2527 VETERANS HIGHTS	COLD. SPGS.	CO	80904	309-4771
KADLDD	MICHAEL	CASELLA SR.	5027 MADDELL AVE.	COLD. SPGS.	CO	80915	574-8294
KADWXX	SUSAN	SHITN	12455 DONOVAN LN.	COLD. SPGS.	CO	80900	495-0624
KADZRR	PHILLIP	VERRET	6319 BRIGHTSTAR DR.	COLD. SPGS.	CO	80918	590-2455
KADWNE	CAROLYN	SORRELLS	3200 BRIARCLIFF DR.	FINDLAY	OH	45440	422-1600
KAD0CY	BOB	WITTE	18070 SUNBURST DR.	MONUMENT	CO	80132	488-0859
KADDKT	ALLAN	HAENSGEN	5134 WINDGATE CT.	COLD. SPGS.	CO	80917	570-1466
KAD0PM	ARYV	KYSELY	3011 E. SPRINGLAKE CR.	COLD. SPGS.	CO	80906	576-1002
KAD0PM	F.A.	DODD	1923 WOODBURN ST.	COLD. SPGS.	CO	80906	471-1003
KAD0XL	LAURIEA	COX	4241 MARLOW CIR.	COLD. SPGS.	CO	80916	597-9760
KAD0ZG	JENNIFER	COX	4241 MARLOW CIR.	COLD. SPGS.	CO	80916	597-9760
KAD0ZH	STEPHONIE	COX	4241 MARLOW CIR.	COLD. SPGS.	CO	80916]	597-9760
KADFWH	RUSS	CALAWAY	616 N. 31st ST.	COLD. SPGS.	CO	80904	471-9965
KADTAP	MICHAEL	PROCTOR	4405 RIDGECREST DR.	COLD. SPGS.	CO	80918	599-3764
KADJQR	DOLORES	BRANTLEY	18040 RED ROCKS DR.	MONUMENT	CO	80132	481-2140
KADKID	GEORGE	MOLITORIS	P.O. BOX 25705	COLD. SPGS.	CO	80936	550-9463
KADLGL	TERRY	MOUSH	4869C SONATA DR.	COLD. SPGS.	CO	80918	590-0693
KADLGM	JOHN	YEPSEN	2209 W. GREENWICH CIR.	COLD. SPGS.	CO	80909	596-6902
KADLNA	PAMELA	TURNER	1935 OKEECHOBEE DR.	COLD. SPGS.	CO	80915	573-0200
KADWNN	DR. DON	HAWLEY	1019 N. CIRCLE DRIVE	COLD. SPGS.	CO	80909	635-9347
KAD0QT	FAYE	HERREN	3010 N. KIOMA	COLD. SPGS.	CO	80904	432-4574
KAD0RD	BASCOM	TILLOTSON JR.	1560 KENLAND CT.	COLD. SPGS.	CO	80915	637-1992
KAD0WX	RICHARD	STIENMIER	7955 TANGLEDAX LANE	CASTLE ROCK	CO	80104	593-1935
KAD2BJ	ELEANOR	BELLAMY	2413 WARRICK LANE	COLD. SPGS.	CO	80909	591-2370
KAD6CC	D. SCOTT	THOMPSON	875 S. COLORADO BLVD. #490	DENVER	CO	80222	750-1065
KAD7CAY	R.R.	BUCHANAN	3440 VALEJO CT.	COLD. SPGS.	CO	80918	594-9417
KAD7RUP	ART	WARTOBIAN	2307 LEXINGTON VILLAGE LANE	COLD. SPGS.	CO	80916	573-9176

P.P.R.A.A. MEMBERSHIP FOR 1994

Call	First Name	Last Name	Address	City	State	Zipcode	Phone
KC0MC	LES	BORST	2542 E. BIRCH	COLORADO SPRINGS	CO	80909	634-3995
KC0TQ	WIMLEY	HANSEN	9011 MINNESOTA	WUX LAKE	AZ	85248	895-8221
KC4KGS	MATT	HARNOCK	5175 PINE VALLEY RD.	COLORADO SPRINGS	CO	80919	531-6609
KC4QHW	WIMLEY	RUBINO	940 MARLBOROUGH PL.	COLORADO SPRINGS	CO	80904	575-8654
KD0NB	WIMLEY	LUND	4965 WILDRIDGE RD.	COLORADO SPRINGS	CO	80908	495-9807
KD0QE	HERB	CHILDRESS	99 RAVEN HILLS COURT	COLORADO SPRINGS	CO	80919	598-2346
KD0SU	RICK	BROWN	3249 SQUAW VALLEY DR.	COLORADO SPRINGS	CO	80918	531-9423
KD4LZE	WILLIAM	DIETERICH	2800 DUBLIN BLVD. #283	COLORADO SPRINGS	CO	80918	594-4474
KD6HGF	LINDA	WIMLEY	6319 BRIGHTSTAR DR.	COLORADO SPRINGS	CO	80918	598-2455
KD6HGF	DAVID	BOTIOEFF	5811 OAKWOOD BLVD.	COLORADO SPRINGS	CO	80918	535-9445
KE0GJ	DAVE	MONISEL	1207 WHITEHOUSE DR.	COLORADO SPRINGS	CO	80904	575-9995
KE0JU	CLARK	HATTINGLY	5263 MEADOWGREEN DR.	COLORADO SPRINGS	CO	80919	599-3814
KE0MC	DOH	CHATELAIN	1470 LOFLIN RD.	COLORADO SPRINGS	CO	80930	535-2811
KE9S	MALCOLM	WIMLEY	15365 DEBY DR.	COLORADO SPRINGS	CO	80921	488-2871
KF0CT	WIMLEY	RIEL	7906 GREENWOOD CIR.	COLORADO SPRINGS	CO	80918	473-6388
KF0V6	WIMLEY	WIMLEY	4510 SLEEPY HOLLOW CIR.	COLORADO SPRINGS	CO	80917	574-2908
KF0V6	WIMLEY	WIMLEY	150 DOLomite DR.	COLORADO SPRINGS	CO	80919	593-1719
KF0WF	FRANK	McNALLY	3713 DIXON WAY	COLORADO SPRINGS	CO	80909	596-8733
KF4B	ED	WIMLEY	19805 RIVERGLEN LN.	MONUMENT	CO	80132	481-4297
KG0AE	JAMES	SUDARTH, Jr	1400 SOUTHWOOD DR.	WIMLEY	CO	80817	392-5675
KG0BQ	RICHARD	MONROE	3133 DELIVERANCE DR.	COLORADO SPRINGS	CO	80918	575-9500
KG0EP	DOUGLAS	WIMLEY	2695 HAYSTACK DR.	COLORADO SPRINGS	CO	80922	637-3517
KH0MP	JOSEPH	MARCIANO	1214 AUBURN DR.	COLORADO SPRINGS	CO	80909	597-8825
KH0MP	LARRY	KRAL	8665 BROCKMILL DR.	COLORADO SPRINGS	CO	80920	575-8114
KH0CAN	CHARLES	CHANDON	2823 N. UTAH	COLORADO SPRINGS	CO	80904	632-8413
KH0CCZ	ANDY	FREEBORN	5222 BOARREDO DR.	COLORADO SPRINGS	CO	80918	598-8373
KH0CGP	NORMAN	LESLIE	P.O. BOX 484	WIMLEY PARK	CO	80866	687-3539
KH0CNH	ALLEN	VRODMAN	1341 DIANA LN.	COLORADO SPRINGS	CO	80909	473-1668
KH0CTV	BOB	HAGGART	158 WIDEFIELD BLVD.	COLORADO SPRINGS	CO	80911	398-8911
KH0CTV	DAVE	JACOBS	100 OLD WINDHOLM RD.	COLORADO SPRINGS	CO	80906	
KH0CTV	DAVE	McCARTY	2610 E. BIRCH ST.	COLORADO SPRINGS	CO	80909	633-3479
KH0DF	BUD	LIBENGOOD	99 OLD WINDHOLM RD.	COLORADO SPRINGS	CO	80906	475-8537
KH0EPF	WIMLEY	RICHARDSON	5040 LACY LANE #12	COLORADO SPRINGS	CO	80916	597-7428
KH0FRQ	KENNETH	WIMLEY	2810 DRO BLANCO DR.	COLORADO SPRINGS	CO	80917	574-7318
KH0SEC	H.B.	WIMLEY	1050 WINDHOLM RD.	COLORADO SPRINGS	CO	80904	471-8871
KH0JTT	DOUG	BROWER	19770 TOP OF THE MOUNT DR.	MONUMENT	CO	80132	481-4550
KH0HRD	WILL	ZIMMERMAN	1106 HUNTER ST.	COLORADO SPRINGS	CO	80918	471-8527
KH0JEN	FRANK	KALTENSTEIN	5102 GALLEY RD. #304B	COLORADO SPRINGS	CO	80915	596-7988
KH0JON	WIMLEY	BANKS	702 GREY EAGLE CIRCLE 90.	COLORADO SPRINGS	CO	80919	268-1318
KH0ISU	BOB	FRENCH	3224 N. FONTANERO	COLORADO SPRINGS	CO	80904	638-1127
KH0IZQ	SARALEE	HOSEA	1907 TESLA DRIVE	COLORADO SPRINGS	CO	80909	596-8587
KH0JLH	JEFF	HOYES	2410 E. UTAH ST.	COLORADO SPRINGS	CO	80909	633-5658
KH0JPN	KEN	PHILLIPS	21734 FALCON HWY.	PEYTON	CO	80831	683-3827
KH0KAN	HERMAN	JOHNSON	4476 LINCOLN PLAZA DR.	COLORADO SPRINGS	CO	80911	392-8131
KH0KUV	LONNY	JAMES	510 E. WASHINGTON	COLORADO SPRINGS	CO	80907	638-1542
KH0KUV	DAVID	ALMQUIST	4712 N. WEBER ST.	COLORADO SPRINGS	CO	80907	593-7552
KH0KUV	PETER	WIMLEY	5750 N. MERIDIAN RD.	PEYTON	CO	80831	495-4829
KH0LLG	GREGORY	WIMLEY	3370 BRIDGEMASTER DR.	COLORADO SPRINGS	CO	80916	398-5382
KH0LUG	LYDIA	KILE	4150 ALDER CT.	LOVELAND	CO	80538	962-9179
KH0NVP	COARINE	HAGGART	158 WIDEFIELD BLVD.	COLORADO SPRINGS	CO	80911	392-1617
KH0NJV	PHILIP	WIMLEY	5255 FARM RIDGE PL.	COLORADO SPRINGS	CO	80917	597-1561
KH0NJV	WILLIAM	PETTY	2765 SIERRA DR.	COLORADO SPRINGS	CO	80917	591-2116
KH0NJV	TED	ALLISON	1323 USNEGO	COLORADO SPRINGS	CO	80904	633-1517

P.P.R.A.A. MEMBERSHIP FOR 1994

Call	First Name	Last Name	Address	City	State	Zipcode	Phone
WNNKP	KENNETH L.	PHILLIPS	4854 SANTIAGO WAY	COLO. SPGS.	CO	80917	574-6358
NAMLE	TAMI	KEITH	3374 BRIDGEMATE DR.	COLO. SPGS.	CO	80916	390-5382
NANRA	SHAWN	WARDCK	5175 PINON VALLEY RD.	COLO. SPGS.	CO	80919	531-6609
NANTX	THOMAS	McDANIEL	4255 SHIMING WAY	COLO. SPGS.	CO	80916	578-1465
NBOC2	MICHAEL R.	MARTIN	3148 HAYRICK DR.	COLO. SPGS.	CO	80918	594-9339
NBODM	RALPH	ROHRIG	7050 COOLIDGE	WIDEFIELD	CO	80911	592-9318
NBOE8	PHILLIP C.	WILSON	5640 SADDLEROCK RD.	COLO. SPGS.	CO	80918	528-8041
NBOPH	RANDHA	PARIS	SPACE CMD DET CHR 402 BOX1863	WY	WY	80918	495-9346
NBOPM	EMARON	SIGNORELLI	P.O. BOX 8069	COLO. SPGS.	CO	80934	632-2029
NBOPM	ALAN	ARNOLD	2065 FARRINGTON ST	COLO. SPGS.	CO	80916	637-1713
NBORU	STEVEN	LINDBLOM	412 LOCUST ST.	ANITA	IA	50020	762-4214
NBOTZ	WARR	JEAKLE	2025 WESTMORE LAKE RD.	COLO. SPGS.	CO	80907	
NBOUD	LUCI	STANSBERRY	2630 E. UINAH	COLO. SPGS.	CO	80909	636-1290
NBPRS	WILLIAM	PENITTI	7245 ASHLEY DR.	COLO. SPGS.	CO	80922	528-1124
NBPRY	ISTVAN	HIPSZKY	5805 BOURKE DR.	COLO. SPGS.	CO	80919	528-8361
NBPYP	PATRICIA	O'DELL	181 WOODLAND VALLEY RD.	WINDLAND PARK	CO	80863	687-6649
NBPYQ	CHAUNCEY	O'DELL	181 WOODLAND VALLEY RD.	WINDLAND PARK	CO	80863	687-6649
NBPZU	JERRY	WILLIAM	2230 GLENWOOD CIR.	COLO. SPGS.	CO	80909	574-3745
NBQCF	RICH	JANOKA	4890 OLD FARM CIR. W.	COLO. SPGS.	CO	80917	591-9917
NBQCY	RAY	WILLIAM	4890 OLD FARM CIR. W.	COLO. SPGS.	CO	80917	591-9917
NBQJS	JOHN	ROTH Jr.	4117 BENT DR.	COLO. SPGS.	CO	80909	596-6285
NBQJN	GRADY	BRANTLEY	10060 RED ROCKS DR.	MONUMENT	CO	80132	481-2140
NBQJX	ORA MARIE	ROSE	5214 COLTER LANE	COLO. SPGS.	CO	80915	591-5756
NBQNO	COLLEEN	WILLIAM	675 ROCK CREEK WASH RD.	COLO. SPGS.	CO	80926	576-1343
NBQNT	DONALD	FRENCH	4945 MARK DABLING BLVD. B19	COLO. SPGS.	CO	80918	598-0732
NBQNU	CHRIS	BANKS	702 GREY EAGLE CIRCLE SO.	COLO. SPGS.	CO	80919	268-1318
NBQYN	JOHN	GALBRAITH	675 ROCK CREEK MESA RD.	COLO. SPGS.	CO	80926	576-1343
NBQBT	TODD	McNALLY	3713 DIXON WAY	COLO. SPGS.	CO	80909	596-8733
NBQHN	SEAN	McNALLY	3713 DIXON WAY	COLO. SPGS.	CO	80909	596-8733
NBQNO	ROBERT	MYMAN	4409 BARKMAN CIR.	COLO. SPGS.	CO	80916	574-5161
NBQYM	ELIZABETH	WILLIAM	412 LOCUST ST.	ANITA	IA	50020	762-4214
NBSFP	HARRY	RUSSELL	529 E. HARMON	COLO. SPGS.	CO	80916	-
NBSIG	WILLIAM	WILLIAM	QTMS. 6650 A	USAF ACADEMY	CO	80840	472-1438
NBTTT	BILL	NEWELL	2505 ANDROMEDA DR.	COLO. SPGS.	CO	80906	
NBTDL	SUZANNA	DICKERSON	5935 BREEZE CT.	COLO. SPGS.	CO	80918	592-0869
NBTDS	AL	BOLGER	11425 DODGE CIR	FALCON	CO	80831	683-2506
NBTUI	JIM	WILLIAM	5433 MAJESTIC DR.	COLO. SPGS.	CO	80919	592-9625
NBTUK	LIZ	DEUTSCH	4305 RIDGE LANE DR.	COLO. SPGS.	CO	80918	593-8352
NBTUL	BILL	BRAMLEY	1175 PANORAMA DR.	COLO. SPGS.	CO	80904	635-7853
NBUNZ	NICHELE	WILLIAM	2065 FARRINGTON ST.	COLO. SPGS.	CO	80916	637-1713
NBUOC	BRIAN	WILLIAM	4680 S. SLEEPY HOLLOW CIR.	COLO. SPGS.	CO	80917	578-8947
NBUOD	VIRGINIA	HIPSZKY	5805 BOURKE DR.	COLO. SPGS.	CO	80919	528-8361
NBUVR	DAVE	KURTH	8720 CHAPEL SQ. CT.	COLO. SPGS.	CO	80920	593-9686
NBUVU	JIM	PATTERSON	1424 WEST BIJOU	COLO. SPGS.	CO	80904	633-3919
NBUVAQ	JAY	MATTHEWS	P.O. BOX 80	CALMAN	CO	80800	347-2392
NBUVAR	ANN	LaFOSSE	5750 N. MERIDIAN RD.	PAYTON	CO	80831	495-4829
NBUVG	JOHN	EPLEY	3855 SIERRA VISTA RD.	MONUMENT	CO	80132	481-3786
NBUVH	RICK	WILLIAM	4765 HOLISTER CT.	COLO. SPGS.	CO	80919	548-1200
NBUVJ	CHARLES	CAIN	7095 BELL DR.	COLO. SPGS.	CO	80920	260-6221
NBUVK	BARB	McNALLY	3713 DIXON WAY	COLO. SPGS.	CO	80909	596-8733
NBUVM	JOHN	WILLIAM	1765 KIMBERLY PLACE	COLO. SPGS.	CO	80915	550-1489
NBUVM	CHUCK	LEPINE	6621 FIELDING CIRCLE	COLO. SPGS.	CO	80911	392-8379
NBUVO	WDEL	MARRERO	3036 S. ACADEMY BLVD.	COLO. SPGS.	CO	80916	391-1847



P.P.R.A.A. MEMBERSHIP FOR 1994

Call	First Name	Last Name	Address	City	State	Zipcode	Phone
NBYBQ	BOB	MANERY	737 E. PLATTE AVE.	COLO. SPGS.	CO	80903	635-8598
NBYBR	MILLIE	MANERY	737 E. PLATTE AVE.	COLO. SPGS.	CO	80903	635-8598
NBYDF	DAVID	PARSONS	2874 SERENDIPITY CR. WEST	COLO. SPGS.	CO	80917	574-1801
NBYKS	ROBERT	PETERSON	6317 GALWAY DR.	COLO. SPGS.	CO	80918	597-8802
NBYLV	JAMES	JONES JR.	18038 DODGE CIR.	PRYDM	CO	80831	683-3596
NBNDX	LARRY	DICKERSON	5935 BREEZE CT.	COLO. SPGS.	CO	80918	592-8869
NBNPA	JEFF	RYAN	6721 NORTHFACE LN.	COLO. SPGS.	CO	80919	268-6826
NBNQM	ROBERT	ARMSTRONG JR.	1438 ALLEGHENY DR.	COLO. SPGS.	CO	80919	268-1997
NBNTV	RICHARD	BROWNE	4626 LA CRESTA DRIVE	COLO. SPGS.	CO	80918	598-4585
NBXFD	WILLIAM	BEANE	6821 COPPER MTN. DR.	COLO. SPGS.	CO	80918	599-8788
NBXFY	ERIC	HOLT	1826 RICE DR. #104	COLO. SPGS.	CO	80906	575-9586
NBXNN	MICHAEL	FRY	2805 KITTRIDGE AVE.	COLO. SPGS.	CO	80919	599-8187
NBXNT	BILL	TURNER	7 RAVEN HILLS COURT	COLO. SPGS.	CO	80919	598-4225
NBXNU	ALLISON	PARSONS	2874 SERENDIPITY CR. WEST	COLO. SPGS.	CO	80913	574-1801
NBXNN	CHUCK	KELLEY	P.O. BOX 1327	COLO. SPGS.	CO	80901	632-1867
NBXNA	DONALD	GILCHRIST	2714 NORTH ARCADIA ST.	COLO. SPGS.	CO	80907	633-9422
NBXNC	ISRAEL	VELEZ	3114 MOONBEAM CR. S.	COLO. SPGS.	CO	80916	391-8726
NBYGM	KEN	KNIGHT	4413 TEETER TOTTER WAY	COLO. SPGS.	CO	80917	641-3437
NBYSD	WILLIAM	CLARK	4853 SODHOUSE TRL.	COLO. SPGS.	CO	80917	637-1865
NBYTN	TROY	ALLEN	828 BAYFIELD WAY APT#301	COLO. SPGS.	CO	80906	548-8135
NBZCZ	MICHAEL	ALLISON	2627 BANISTER COURT	COLO. SPGS.	CO	80920	598-4812
NBZFX	GLORIA	RYAN	6721 NORTHFACE LANE	COLO. SPGS.	CO	80919	598-4877
NBZDX	TERESA	WHEELER	6575 MONTAÑER DR.	COLO. SPGS.	CO	80918	593-8714
NBZPW	JOHN	HARRIS	3485 WHIMBEL LANE	COLO. SPGS.	CO	80906	576-2786
NBZPZ	JOHN	WHEELER	6575 MONTAÑER DR.	COLO. SPGS.	CO	80918	593-8714
NBZUY	TOM	KELLY	5955 DEL REY DR.	COLO. SPGS.	CO	80918	598-3378
NBZHF	KURT	MORTON	2238 ANGELBLUFF CT.	COLO. SPGS.	CO	80919	598-1394
NBZINZ	AL	CRAIG	5562 DUNBAR COURT	COLO. SPGS.	CO	80918	594-9288
N4TGO	DOUGLAS	PARIS	SPACE CMD DET CHR 482 BOX1863	WFO	WI	89188	495-9346
N5TT	BOBBY	PETROSKY	185 SPANISH OAK DR.	GEORGETOWN	TX	78628	
N5ZUH	CALVIN	HEGEMAN	PSC BOX 8789	APO	AA	34042	
N6EMY	MIKE	MOSKINS	7228 RISING MOON DR.	COLO. SPGS.	CO	80919	531-8362
N6FLC	SCOTT	HARVEY	9318 BROKEN BOW CT.	BLACK FOREST	CO	80908	495-9877
N6JRL	DONALD	DUBON	5653 DREGON ST.	CAMP LEJEUNE	NC	28547	353-8578
N6VTS	JOHN	HIGGINS	7998 SCARBOROUGH DR.	COLO. SPGS.	CO	80920	282-9328
N7AAQ	HARVEY	HATCH	521 ANACONDA DR.	COLO. SPGS.	CO	80919	598-7954
N7OGL	DENNIS	CHES	858 SANTE FE ST.	COLO. SPGS.	CO	80903	638-8784
N8CIX	GEORGE	HINDS	P.O. BOX 5788	WOODLAND PARK	CO	80866	687-2618
NH6DM	NICK	PONELL	4788 RUSTLER CT.	COLO. SPGS.	CO	80918	268-9321
NK8L	JEFF	BROWER	3888 MARTIN LN.	TWO RIVERS	WI	54241	
NK8P	RON	DEUTSCH	4385 RIDGE LANE DR.	COLO. SPGS.	CO	80918	593-8352
NK8E	CHRIS	SMITH	12455 DOWMAN LN.	COLO. SPGS.	CO	80908	495-8624
VE3DY	KEITH	GOBBIE	28 WOODHEAD CRESCENT	NORTH YORK	OH	431275	882-5524
N8ANX	JIM	MERRILL	1434 N. F80TE	COLO. SPGS.	CO	80909	635-1139
N8CHG	FRANK	SAMPLE	252 CUMMINGS DR.	COLO. SPGS.	CO	80911	392-1368
N8FPQ	CLARENCE	WOLFE	6758 DALE RD.	COLO. SPGS.	CO	80915	392-1368
N8IHO	ARTHUR	BARBEAU	782 PIONEER LANE	COLO. SPGS.	CO	80904	632-8946
N8KOH	WILLIAM	HEADLE	122 HARVARD ST.	SECURITY	CO	80911	392-9779
N8LRO	WILLIAM	KING	2916 N. INSTITUTE ST.	COLO. SPGS.	CO	80907	634-4751
N8LME	CLIFF	UPTON	4145 ANITRA CIR.	COLO. SPGS.	CO	80918	598-5428
N8MCT	DON	CORNELL	721 LANSING DR.	COLO. SPGS.	WI	80909	596-4216
N8HLN	DENNIS	SHAWL	1231 JAMES LANE	COLO. SPGS.	CO	80909	635-9798
N8MOG	BARRY	COOK	2758 N. ARCADIA ST.	COLO. SPGS.	CO	80907	634-8889

P.P.A.A. MEMBERSHIP FOR 1994

Call	First Name	Last Name	Address	City	State	Zipcode	Phone
W0MYX	HAL	BERGESON	809 E. VERMILIO AVE.	COLO. SPGS.	CO	80903	471-0238
W0RW	PAUL	SIGNORELLI	P.O. BOX 6069	COLO. SPGS.	CO	80934	632-2829
W0UDZ	GEORGE	CLARK	2124 GLENHILL ROAD	COLO. SPGS.	CO	80906	635-4158
W0VQ	ED	MEANS	212 FARRAGOT AVE.	COLO. SPGS.	CO	80909	473-6174
W0YNE	WARREN	HICKEY	12895 TIA LANE	COLO. SPGS.	CO	80908	
W0ZH2	DAVID	WILSON	7256 WHITLEY DR.	COLO. SPGS.	CO	80920	599-3819
W1JU	HARVEY	LeCATO	7460 TAOS DRIVE	COLO. SPGS.	CO	80920	599-8604
W2SRQ	WILLIAM	FRENCH	1155 ELICOT HWY.	CALHAN	CO	80808	683-2770
W2TJO	THOMAS	BRERETON	3915 CANTRELL DR.	COLO. SPGS.	CO	80911	390-9247
W3TEB	HARRY	BUCHIN	21 EAST MAIN ST.	MACUNGIE	PA	18062	966-5500
W3THR	MEL	HOSEA	1907 TESLA DRIVE	COLO. SPGS.	CO	80909	596-0587
W8H0J	JOE	BROWNING	2627 WEIR AVE.	COLO. SPGS.	CO	80910	471-9860
W8JTD	FRED	ALDEN	7000 GAIL CT.	COLO. SPGS.	CO	80920	
W9PXP	FRANK	FINNEY	8635 CHANCELLOR DR.	COLO. SPGS.	CO	80920	282-9304
W9YYO	CHARLES	EINING	3755 E. CRESTA LOMA CIR.	COLO. SPGS.	CO	80911	390-8655
WABNL	ROSIE	CALAWAY	616 N. 31st ST.	COLO. SPGS.	CO	80904	471-9965
WATBJ	KIRBY	STAFFORD	4018 N. LORING CR.	COLO. SPGS.	CO	80909	596-3522
WABWJY	ELMER	SCHLADWEILER	712 W. 24TH STR.	COLO. SPGS.	CO	80904	471-7328
WABYTK	MINT	TANNER	3300 CORBETT LN.	COLO. SPGS.	CO	80907	634-7563
WA200D	GREGORY A.	TARCZA	720 BRIDGER DRIVE	COLO. SPGS.	CO	80909	597-7064
WA3EIB	HARVEY	HUNTER	1437 N. CHELTON RD.	COLO. SPGS.	CO	80909	597-8964
WA4SVJ	BOB	ARMSTRONG	1430 ALLEGHENY DR.	COLO. SPGS.	CO	80919	260-1997
WA7SDQ	DAVID	COPMANH	10280 SHILOH DR.	RENO	NV	89506	738-7800
WA9AB8	JIMMY	SORRELLS	3200 BRIARCLIFF DR.	FINDLAY	OH	45840	422-1608
WB0DUM	GEORGE	LOCKHART	13125 HERRING RD.	COLO. SPGS.	CO	80900	495-3983
WB0LKH	DOH	ERICKSON	4728 FROST DR.	COLO. SPGS.	CO	80916	
WB0MHP	DOUG	MOLONEY	3817 VAQUERO CIR. SO.	COLO. SPGS.	CO	80910	599-9605
WB0SDM	DAVID	RIESE	419 REDWOOD DR	COLO. SPGS.	CO	80907	471-0743
WB2EVR	WILLIAM	BELLAMY	2413 WARMICK LANE	COLO. SPGS.	CO	80909	591-2370
WB4MNC	THOMAS	KENIMER	9845 WALKER RD.	COLO. SPGS.	CO	80908	495-9122
WB6YXD	HARY	SIMS	19740 FOUR WINDS WAY	MONUMENT	CO	80132	481-4597
WB7THT	RICK	KILE	4150 ALDER CT.	LOVELAND	CO	80538	962-9179
WB7VHR	STEVEN	WESTBY	1540 KEITH DR.	COLO. SPGS.	CO	80916	570-1070
WB7WHT	ROBERT	ROLLER	4846 HERNDON CR.	COLO. SPGS.	CO	80920	282-0204
WB0CHQ	DAN	HAUSAUER	5252 CRACKER BARREL CR.	COLO. SPGS.	CO	80917	597-4095
WB0GVH	THOMAS	COX	4241 MARLOW CIR.	COLO. SPGS.	CO	80916	597-9760
WB0K	GEORGE	BEAUCHAMP, SR.	1316 N. BENNETT AVE.	COLO. SPGS.	CO	80909	635-0750
WB5CHP	WAYNE	SHERIDEN	1426 BAYLOR DR.	COLO. SPGS.	CO	80909	596-2926
WB5GNE	MICHAEL	SIGLER	180 RANGELY DR.	COLO. SPGS.	CO	80921	480-3370
WB0T	BARRY	SPRINGER	11450 MERIDIAN RD.	PAYTON	CO	80831	495-9482
X_____	ROGER	SPALDING	616 E. ESPANOLA	COLO. SPGS.	CO	80903	578-8399
X_____	MARK	STEMICKA	230 HEADONRUE	WOODLAND PK.	CO	80063	687-7899
X_____	DENNIS	CONE	4902 WAGDMASTER DR.	COLO. SPGS.	CO	80917	
X_____	STEVEN	SPRINGER	1530 APPLE CT.	CANON CITY	CO	81212	275-4835
X_____	KAREN	HUNTER	1437 N. CHELTON RD	COLO. SPGS.	CO	80909	597-8964
X_____	BARTON	EPLEY	3855 SIERRA VISTA RD.	MONUMENT	CO	80132	481-3706
X_____	KURT	KAHLER	4802-A McMERNEY ST.	FT. CARSON	CO	80913	527-9761
X_____	BRIAN	BROWN	3249 SQUAN VALLEY DR.	COLO. SPGS.	CO	80910	531-9423
X_____	CAROL	KELLEY	P.O. BOX 1327	COLO. SPGS.	CO	80901	632-1067

# February 1994

## PIKES PEAK RADIO AMATEUR ASSOCIATION

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY																																																																																											
		<b>1</b> 7:00pm ARES NET 146.97 7:30pm RACES NET 146.97 8:00pm SCTN 146.97	<b>2</b> 7:30pm CMRG Info Net 147.345 8:00pm SCTN 146.97	<b>3</b> 8:00pm SCTN 146.97	<b>4</b> 8:00pm SCTN 146.97	<b>5</b> 7:00am Village Inn Breakfast 7:30am Breakfast Country Kitchen Widefield (W2TJO) 8:00pm SCTN 146.97																																																																																											
<b>6</b> 8:00am COLORADO ARES NETS 3928.0 6:30pm RACES HF NET 3990.5 8:00pm SCTN 146.97	<b>7</b> 8:00pm SCTN 146.97	<b>8</b> 7:00pm ARES NET 146.97 7:30pm RACES NET 146.97 8:00pm SCTN 146.97	<b>9</b> 7:00pm PPRAA Meeting NH6ON on HF Propagation 8:00pm SCTN 146.97	<b>10</b> 8:00pm SCTN 146.97	<b>11</b> 8:00pm SCTN 146.97	<b>12</b> 7:00am Village Inn Breakfast 7:30am Breakfast Country Kitchen Widefield (W2TJO) 9:00am VE Testing (KDOSE 531-9423) 8:00pm SCTN 146.97																																																																																											
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## Board Meeting, Jan 17, 1994

The meeting was called to order at the QTH of Al, NØCMW at 7pm. The following members were present: Al, NØCMW, Malcom, KE9S, Luci, NØOD, Rosie, WAØMNL, Ron, NKØP, Steve, KØCI, Al N2IWZ and Liz, NØTUK.

The following motions were passed.

1. The balance of the raffle money from last year's swapfest will be distributed to Skywarn (\$125.00), Education (\$252.77) and Field Day (347.00).
2. All club mail should be addressed to the club post office box.
3. Advertisements in the Ø beat will be free to members of the club. There will be a \$2.00 charge for non-members who wish to place an advertisement.
4. \$100.00 was approved for hourly prizes at the swapfest. The club picnic will be on Aug 21. The Field Day site cannot be confirmed until March 1. Discussed the need for more than one person to have a key to the club post office box.

A bigger barrel will be needed for the tickets collected at the swapfest.

A copy of Ø Beat will be sent to the DAV.

The DAV will accept donations of clothing as well as food.

Discussed a written outline to give to prospective hams.

The meeting adjourned at 8:30 pm.

The next meeting will be at the QTH of Ron and Liz NKØP/NØTUK on February 14 at 7pm.

*Submitted by Liz, NØTUK  
substituting for Ken, NØNKP*

## General Meeting Jan 12, 1994

### Treasurers Report:

Previous Balance 677.67

Income 1718.80

Expenses 645.10

New Balance 1749.37

The meeting was called to order at 1900 by Steve WB7VHR. The treasurers report was submitted and the minutes were approved with correction to spelling of

Luci's name, and Steve is KØCI not NØCI.

**Education.** Classes to upgrade to General will be starting in March. VE Testing on Feb 12th & April 9th. VE's still needed.

The motion was made and accepted to authorize the purchase of a Kenwood TS50 HF mobile, and a TH22A HT for prizes for the PPRAA Swapfest in May.

**Swapfest** will be on May 21st, from 0800 until 1500 with setup at 0600 and the evening before. Harv still needs volunteers.

**Homebrew.** First prize went to Bob NØRNQ for a keyer he constructed. Second prize went to Tom NØNTX for a very complex frequency deviation meter. Greg WA2OOD was third with a nicely constructed power supply. In a field of three entries Rosie, WAØMNL & Ken NØNKP came in fifth place with their version of secure transmission along a long wire. It was a vast project with half - vast execution. Better luck next year...if you must.

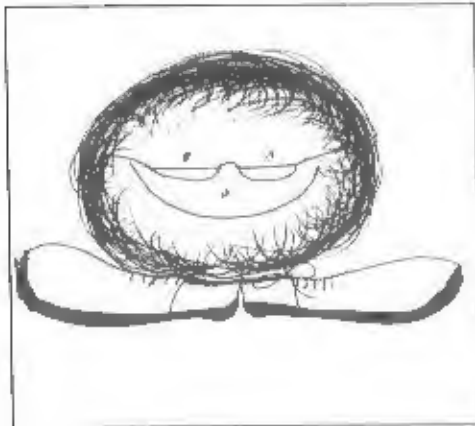
**Next month's meeting** will be on HF propagation by Nick Powell.

*Submitted by Ken NØNKP  
Club Secretary*

## SPEDBNZLO

Introducing the Society of the Preservation and Encouragement of Differentiation Between Numeral Zero and Letter O. The 22 Charter Members of SPEDBNZLO within Pikes Peak Radio Amateur Association were presented their Charter Membership Certificates by President Steve Westby, WB7VHR, at the January meeting. Charter Members are: WØIHQ, NØION, WØKOH, WØMOG, KXØØ, NØOCZ, NØODD, NØOEB, NØOPG, NØOPH, NØOPM, NØOPS, NØOPW, NØOTZ, NØOUD, NØQWO, KØROL, KAØROY, KAØROZ, NØUOC, NØUOD, WØVO.

## Prunella's Corner



Thanks to the members who collected food at the most recent YMIOL luncheon and then donated it to the DAV pantry. My colleague Franklin Fumblot Ph.D. Dean of the College of Mumtopilities has learned the DAV food pantry continues to need non-perishable food items, especially powdered milk, peanut butter, fruit drinks, pastas and beans. The DAV will also find a use for clothing donations.

The faculty and students at our university have launched a food drive. The students and faculty were very generous and the food drive was a success by Mumtop standards, but not by human standards. We collected two pounds of beans and pasta. That

would feed a Mumtop for a very long time. Some human people friends have agreed to carry the pasta and beans to the DAV at your next meeting. We did not have a clothing drive for obvious reasons.

The human person by the name of Al (he is a very nice human person) will give a free raffle ticket to anyone who brings a donation of food or clothing to the next meeting.

Well, good-bye for now. I must continue with my research project on the great Mumtop literature of many centuries ago. When I complete my research, I will be happy to share it with all of you nice human people.

Ta Ta.

Prunella Ph.D

## Dits and Bits

For Sale & Want ads are placed free of charge to current members of the PPRAA. Please limit to 25 words or less. Business ads are NOT accepted for this column. There is a \$2 charge for non-member ads. Editor reserves the right to limit or edit ads.

### For Sale:

Kenwood TS-820 w/500 Hz CW filter, ext. VFO-820, MC-50 mic, SP-520 spkr, Exc. cond, Operator and Service manuals plus all original boxes. \$500. Heil HM-10 Dual mic. w/ HC-4 & HC-3 elements, MA-1 adj. boom

\$110. WDØCNQ, Dan, 597-4095, 7-9pm.

### Wanted:

Collins 51JA communications receiver in very good operating condition w/ speaker and any accessories.

J. A. Thomas 1130 Pleasantview, RR#3 Colorado Springs, CO 80921 481-4564

### For Sale:

Yeasu 411 2mtr HT w/ many accessories. Call Fred, KAØWIE, 501-0290

### For Sale:

Regency H/H scanner 100ch w/ extra Batt pk and leather case. \$100. Kenwood Dual Band H/T KW-75A w/ desk charger, spare bat. pk, spkr mic, manual. \$300. Alinco

DJ-F1T mini H/T 2mtr w/ acc. \$235. Icom IC-2A 2mtr H/T w/ 2 batt pks. \$135. Tempo S1 2mtr H/T w/service man. \$75. Kenwood 2mtr mobile KW-741A 50 watt (new) \$330. Other misc items. Call Will NØHRD 471-8527.

### For Sale:

Kenwood 430S HF transceiver good cond. w/manuals. \$500 Icom 71A receiver good cond. w/ manuals \$500. Call L.A. Watts, WBØWOD, 591-1820.

### For Sale:

Cannon BJ10E Laser quality ink-jet printer. Uses plain paper. Lightly used, w/ all docs. Call Kathleen, N9TMD, 527-8870

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### Committee Chairpersons, etc.

Publicity	Al Craig	594-9288
Membership	Les Borst	634-3995
Education	Al Bailey	597-8514
VE Testing	Rick Brown	531-9423
Interference	Bill Petty	591-2116
RACES	Doug Moloney	unlisted
ARES	John Chapman	635-1604
Skywarn	Steve Westby	570-1070
Public Service	Mike Stansberry	636-1290
CCARC	Oak Stockton	570-7782
Club Trailer	Harry Russell	
Newsletter	Ron Deutsch	593-8352
Club Historian	Al Craig	594-9288
Falcon Wanderers	Bob Nyman	574-5161
Programs	Steve Shaarschmidt	596-3554
Swapfest	Harvey Hunter	597-8964
Christmas Party	Susan Smith	495-0624

### General License Class

A class for those wishing to upgrade to General Class will be held at the DAV Center Palmer Park & Peterson Rd. starting March 17th and running each Monday & Thursday through April 7th. Starting time is 7pm.  
For more information or to sign up contact either Al Bailey 597-8514 or Frank McNally 596-8733. Watch March issue of Zero Beat for any last minute changes.

### BEST KEPT SECRET IN SCIENCE...

#### Nikola Tesla

—The Man Who Invented The 20th Century.

Learn more about the inventor of **radio**, **remote control devices**, **turbines**, **bladeless pumps** and the **worldwide wireless transmission of electricity**. Then take the lab demonstration tour and see for yourself what Tesla Technology contributes to the 20th Century. Watch as we make real lighting! Touch the **Plasma Jars**, see our **Tesla Coils** fire up, feel real **electricity**! This is a *must see* on your tour calendar.

*Tours at 2PM Monday thru Saturday.*



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## 1994 Colorado Swapfests

### January

Northern Colorado ARC Swapfest January 22, 1994 at the Larimer County Fairgrounds. Contact: Musser Moore, NØVMN, (303) 221-3698

### February

Aurora Swapfest February 20, 1994 8am to 2pm at Adams County Fairgrounds, Brighton. Contact: Judith Richendifer, (303) 450-6910.

### April

Longmont ARC Swapfest April 2, 1994 at Boulder County Fairground in Longmont, CO. Contact: NØNMD, Randy Stevens in Boulder. (303)xxx-xxxx

### May

Western Colorado ARC May 7, 1994 Mesa County Fairgrounds, Grand Junction, Colorado Contact: Jim Finnigan, KBØCCS (303)-243-9427  
Pikes Peak Radio Amateur Association Swapfest May 21, 1994 at Liberty High School in Colorado Springs, CO. Contact: Harv Hunter, WA3EIB (719) 597-8964

### June

Superfest June 11, 1994 at the Larimer County Fairgrounds in Loveland, CO. Try 145.115 on Tuesdays 9pm for updated information

### July

Mountain ARC Swapfest & Campout July 15, 16, 17 1994 at Red Rocks Campground, Woodland Park, CO. Contact: Bob Whipple, NØFCR, (719) 687-9025.

### August

Denver Radio Club Swapfest August 28th at the Jefferson County Fairgrounds. Contact: Dean Haworth, ACØS at (303) 279-4956

### September

Boulder ARC Swapfest September 25, 1994 at Boulder County Fairgrounds in Longmont, CO. Contact: ?  
as of January 10, 1994